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Office of Pesticide Programs
Document Processing Room S-4900
One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

Via Federal Express

Subject: Submission of Adverse Effect Report in Accordance with FIFRA Section 6(a)(2) for
Chlorthal Dimethyl (DCPA) (EPA Reg. No. 5481-495)

To Whom It May Concern:

AMVAC Chemical Corporation (AMVAC) (EPA Company No. 5481) is submitting this letter in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 6(a)(2) and U.S. Environmental Protection Agency (EPA) regulations at 40 C.F.R. §159.165 regarding preliminary results from a study conducted with DCPA. The Registration Number for DCPA is 5481-495.

AMVAC is currently conducting an Office of Chemical Safety and Pollution Prevention (OCSPP) Special Study (ss-thyroid tox), Comparative thyroid toxicity study with DCPA pursuant to the Data Call-In (DCI) issued for DCPA (GDCI-078701-1140). Preliminary results in the study titled, "DCPA (Chlorthal Dimethyl): Dose Range Finding Pre and Post Natal Developmental Thyroid Study in Sprague Dawley Rats by Oral Administration (Envigo Study: BDG0204) conducted at Envigo, Huntingdon, Cambridgeshire, UK, suggest a potential adverse finding.

Effects on both T3 and T4 hormones have been seen in rat pups at 0.1 mg/kg/day. This is at a lower dose level (x10 fold) than has been seen previously in adult rats (1.0 mg/kg/day in MRID 42731001). A summary of the group mean data, together with the statistical analyses are enclosed in two draft tables (Appendix I - Preliminary Summary Data Phase IA, Serum T3 concentrations, and Serum T4 concentrations). The data are still preliminary but have been fully QC checked. The final Comparative thyroid toxicity study is now scheduled for submission to EPA 4Q 2018 / 1Q 2019. AMVAC will submit three copies of this study, consistent with 40 C.F.R. §159.156, when the report is available.

AMVAC does not waive any rights to data compensation by providing the information contained herein as this information should not be considered public literature or as any indication that AMVAC permits any person or company to use, cite to, or otherwise rely on this data.

It is my understanding that this satisfies FIFRA section 6(a)(2) reporting requirements. However, if you have questions or require additional information please do not hesitate to contact me at (949) 221-6104 or juliep@amvac-chemical.com. Thank you for your attention to this matter.

Best Regards,

Julie Porter
Director of Registrations

Enclosures

Cc: Jordan Page – EPA/OPPTS PRD

Appendix I



